

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of performing an authentication on ~~an a~~ subscriber identity module card by an electronic communication device, ~~which is applied to an the~~ electronic communication device being installed with an identification software provided by a telecommunication service provider, the identification software enabling the electronic communication device to proceed with the procedure comprising the steps of:

executing the identification software;

~~checking if a~~ determining that the subscriber identity module card ~~is installed in the said~~ electronic communication device has been changed;

showing a screen on a display of the ~~said~~ electronic communication device requesting a user to input an authentication data provided by the ~~said~~ telecommunication service provider ~~for comparing with an identification number stored in the said subscriber identity module card;~~

encrypting the authentication data by an encryption mechanism installed in the electronic communication device, and generating an identification number; and

determining whether ~~the authentication data being inputted~~ the generated identification number is identical to ~~the an~~ an identification number stored in the ~~said~~ subscriber identity module card and, if yes, continuing the a booting procedure of the electronic communication device.

2. (Canceled)

3. (Canceled)

4. (Canceled)

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5. (Currently Amended) The method of claim 1, wherein said identification software further comprises a storage record and an authentication record, the storage record is used to record whether or not ~~a~~the subscriber identity module card ~~has been~~ installed in the ~~said~~ electronic communication device has been changed, and the authentication record is used to store the identification number of ~~a~~the subscriber module card installed in the electronic communication device, enabling the electronic communication device to proceed with the procedure comprising the steps of:

checking the storage record stored at the previous shutdown whether or not ~~a~~the subscriber identity module card ~~is~~ installed in the electronic communication device has been changed; if yes, then reading the identification number of the subscriber identity module card previously stored in the storage record; and

reading the identification number of the subscriber identity module card currently installed in the electronic communication device, ~~and~~ comparing the same with the identification number previously stored in the storage record, and determining whether they are identical; if yes, then continuing to execute the booting procedure.

6. (Currently Amended) The method of claim 5, wherein said electronic communication device stops booting ~~if there isn't~~ when a subscriber identity module card is not installed in the electronic communication device.

7. (Currently Amended) The method of claim 5, wherein when the identification number of the subscriber identity module card currently installed in the electronic communication device is not identical to the identification number stored in the storage record, the method further comprises the steps of:

recording the identification number of the current subscriber identity module card on the checking record;

showing a screen on a display of the electronic communication device requesting a user to input the authentication data provided by the telecommunication service provider; and

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determining whether or not the authentication data being inputted is identical to the one stored in the storage record; if yes, then continuing to execute the booting procedure.

8. (Currently Amended) The method of claim 5, wherein said electronic communication device stops booting if the authentication data being inputted ~~isn't~~ is not identical to the one stored in the storage record.